SR No: 20/20-21 13/07/20

M. A. R. 57 (Rule 116)
Measurement Book

No. B

491670

Serial No. ...Final Bill

Name of Work ...Construction of RC From mains, Roads and other Development works in Thindlu colony old village and sanitation area in ward No.09 Vidyaranyapura

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost RS: 52.00 lakhs, Head of A/C: P-1875.						
	Work order No: BBMP/EE/BTP/189/19-20 Date: 13/01/2020.						
	Name of Agency: Executive Enginer, KRIDL						
	Date of Recving: 13/07/2020						
	1) Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces to exceeding 0.08cum in volume and stack piling at designated locations and disposal of dismantled materials stacking serviceable						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Ref. to Measurement No.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	materials specially etc, complete as per specifications and directions of engineer in charges of work.						
	Quantity vide C MB P. NO = 137.40 cum)						
	@ 952.94/cum) = 130934.00						
2)	Earthwork excavation by manual means in ordinary soil involving lift up to 0.5m. excavated surface leveled and dressed. the disposed earth to be leveled neatly after breaking of clods etc —						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494671

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Quantity vide C MB P NO = 467.40 cum)						
	@ 293.88/cum) =					113992.00	
5)	providing and laying plain reinforced cement concrete of min 1:2:4 with opc @ 320 cgs. with 40mm and down size graded granite metal coarse aggregates @ 0.84 cum and fine aggregates @ 0.56 cum in open, foundation including cost of all materials, labours, curing, form works, scaffolding and centering complete as per specifications in charge						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete as per specifications and directions of Engineer in charge of the work.						
	Quantity vide E MB P.No :1556 Cum						
	@ 5504.58/cum : 8566780						
4)	providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with graded and clean size granite metal coarse aggregates of 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering.						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494672

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	cost of materials, hire of machinery, curing etc., complete as per specifications and directions of engineer in charge of the work.						
	Quantity vide E MB P.No:				133.82 cum		
	@ 7197.40/cum					= 959557.00	
5)	Providing T.M.T Steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position lapping and/or welding wherever required, tying with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	binding wire and anchoring to the adjoining members, wherever necessary complete as per design cost of materials labour, hire of machinery complete as per specifications and directions and directions of engineer in charges.						
	quantity wise G MB P.NO = 8.67 Tonne						
	@ 72326.98/ tonne = 627075.00						
item 6)	providing precast slab of 100mm thick including cost of all materials, labour, curing, transportation, loading unloading. etc --						
	quantity wise G MB P.NO : 307.35 sqm						
	@ 2337.00/sqm = 718277.00						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494673

...ial No. .....
...me of Work ..... From..... To.....
...me of Contractor of nature of Agency .....
...te of commencement of work .....

...te	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
7)	providing precast slab of 950mm thick including cost of all materials labour, during, transportation, loading, unloading, etc --						
	quantity wise G MB P.NO = 19.05 sqm						
	@ 5418.00/sqm = 103375.00						
8)	Plain/Reinforcement cement concrete M20 with opc cement @ 320 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.67 cum and fine aggregates @ 0.46 cum with super plastisiser @ 3 lit/ cum for mixing.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Refer to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	in open foundation complete as per Drawing and technical specifications including cost of all materials, labours etc.						
	Quantity wise E/M B P.NO = 14.91 cum						
	@ 5275.62/cum = 78659.01						
	construction of un-reinforced plain cement concrete pavement using graded concrete M20 over a prepared base with WBC course aggregate at 0.69 cum fine aggregate at 0.46 cum course and fine aggregate at 0.46 cum course and fine aggregate confirming to IS: 383-2016 with						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494674

al No. ..... From ..... To .....
ne of Work .....
ne of Contractor of nature of Agency .....
e of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	superplasticiser @ 3lts confirming to IS 9103-1999 mixed.						
	designed, laid in approved fixed sides form work and spreading the concrete with shovels and grades as per drawing complete as per specifications.						
	Quantity wise E/M B P.NO = 103.05 cum						
	@ 5354.06/cum = 551736.00						
	providing and fixing pre cast solid cement concrete kerb stone						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	made out of CC 1:2:4 with top and bottom width 11H and 165mm respectively, 40mm high and 450mm in length finished with cm 1:3 plastering and finishing curing including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift.						
	quantity wise e mbs p. no = 931 no's						
	e 432. 48 / no's =					99703.68	
item 17	providing and applying two coats white priming coat over						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494675

al No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
e of commencement of work .....

e	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	concrete / masonary / asbestos cement sheet / plastered surfaces including preparing the surface after removing by cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials and directions of engineer in charge of the work.						
	quantity wise e mbs p. no = 46.80 sqm						
	e 39.98 / sqm =					1835.66	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item 12) Providing and applying spray painting in two coats (excluding prime coat) over concrete/masonry/asbestos cement sheet/plastered surface with flat wall paints of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter and sand papering including cost of materials, complete as per manufacturer's specification and as directed by Engineer-in-charge.						
	Quantity vide MB P. No :					46.80 sqm	
	@ 90.00/sqm					:	4217.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494676

erial No. .....

ame of Work ..... From..... To.....

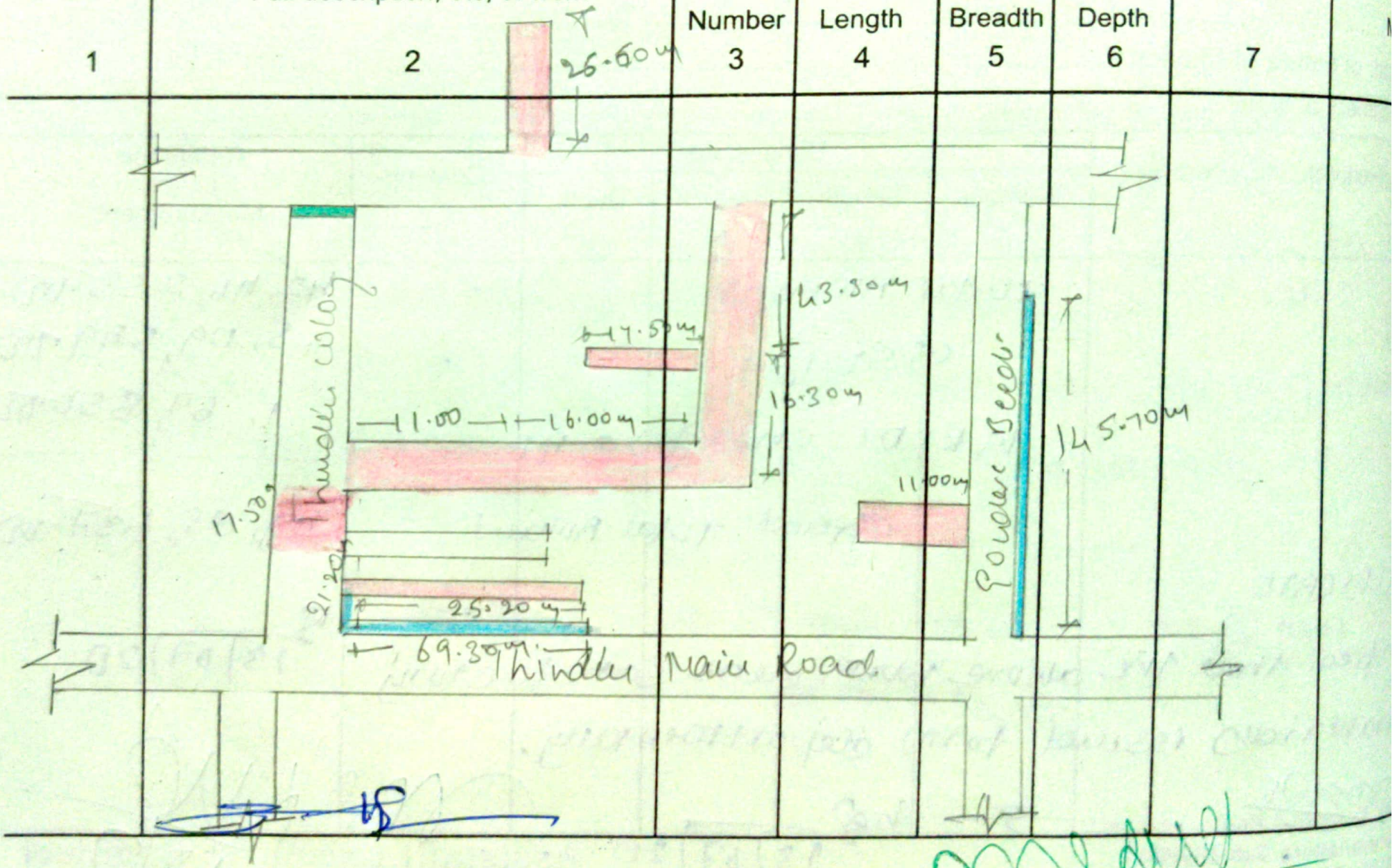
ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Total Amount =					=	42,46,258.00
	GST 12%.					=	5,09,549.00
	KRIDL charges 4%.					=	1,69,850.00
	Grand total Amount =						49,25,637.00
	CERTIFICATE						
	1) certified that the above work is done satisfactory.						13/07/20
	2) NO materials issued form department ally.						
	Asst Executive Engineer, Byatarayanapura Sub-Division KRIDL, BBMP, Bangalore						
							13/07/20
							Assistant Executive Engineer Vidyaranyapura Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	



Assistant Executive Engineer

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494677

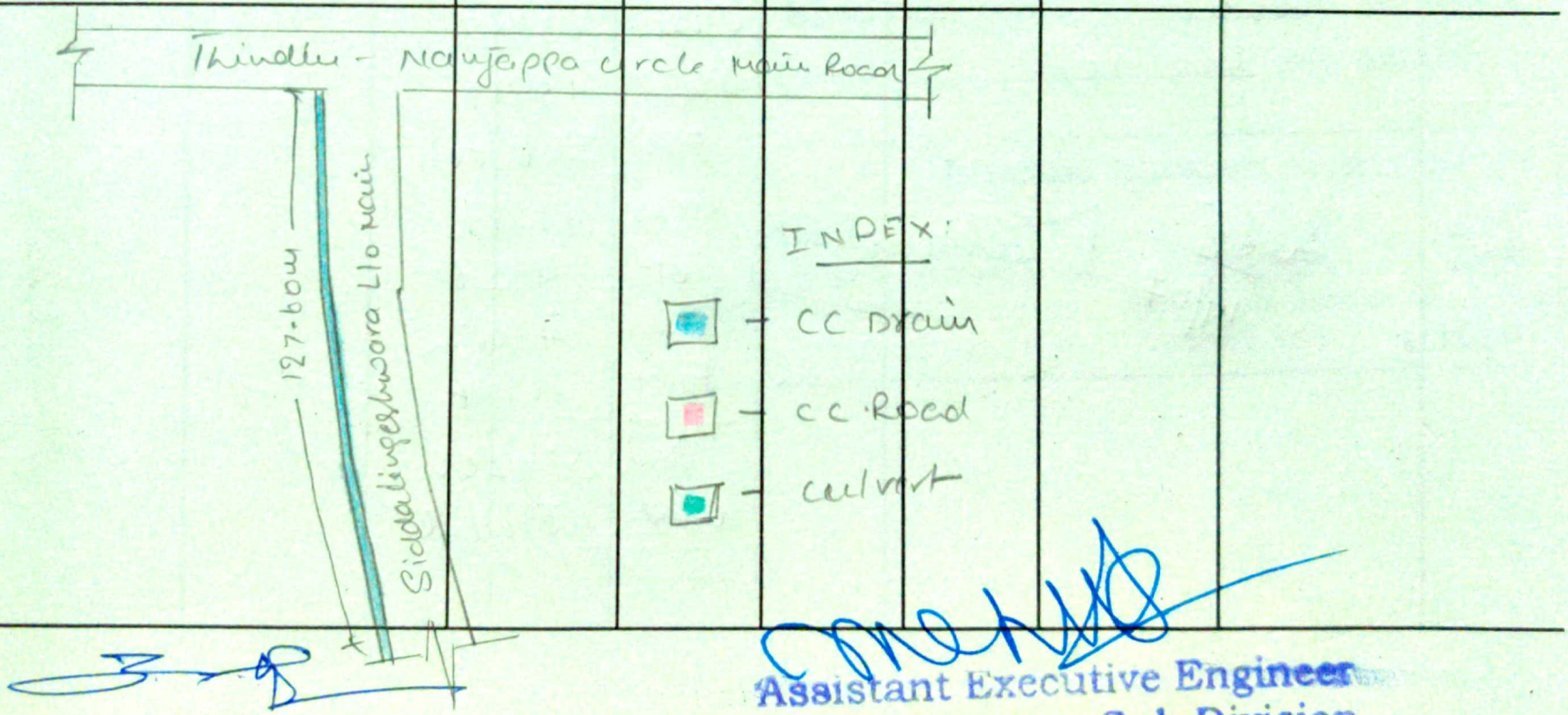
erial No. .....

ame of Work ..... From..... To.....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8



Assistant Executive Engineer
Vidyaranyapura Sub Division

1st & Final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P/878 - ಕ್ಲಿ 18% Work ರಡಿ		ITB	4925600			
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 4925600/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.		It	98512			
	ಇದರಲ್ಲಿ ರೂ. 534200/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ		Cess	43979			
	ಮಾಡಿಕೊಂಡು ರೂ. 4391400/- ಗಳನ್ನು		Sess	43979			
			FSD	246300			
	FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ		Cess	49256			
	ಲೆಕ್ಕಾಧಿಕಾರಿ ಸಹಾಯಕ ಲೆಕ್ಕಾಧಿಕಾರಿ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 14/07		CBF	4926			
	14/7/26 ಬೃ.ಮ.ಪಾ. ಬೆಂಗಳೂರು ಬೃ.ಮ.ಪಾ. ಬೆಂಗಳೂರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಮ.ಪಾ. ಬೆಂಗಳೂರು		CR	43002			
			Fine	4246			
			Ded:	534200			
			Chem	4391400			